

3. (Previously presented) An electron gun as set forth in claim 1, wherein said convex surface being a surface formed by a press process.

4. (Cancelled)

5. (Previously presented) An electron gun as set forth in claim 1, wherein said convex surface being a curved surface with a different curvature depending on the direction.

6. (Previously presented) An electron gun as set forth in claim 1, wherein said convex surface being a paraboloid.

7. (Cancelled)

8. (Previously presented) A cathode ray tube equipped with an electron gun, wherein said electron gun having a cathode that has an electron emission surface and a first grid that has a beam hole and said electron emission surface and said beam hole being arranged opposite to each other and

the area opposite said beam hole within said electron emission surface being in closest proximity to said first grid;

wherein the area opposite said beam hole is a center area of said electron emission surface and is a convex surface to said first grid, and

wherein an electron beam emitted from the emission surface has a converging trajectory.

9. (Cancelled)

10. (Previously presented) A cathode ray tube as set forth in claim 8, wherein said convex surface being a surface formed by a press process.

11. (Cancelled)

12. (Previously presented) A cathode ray tube as set forth in claim 8, wherein said convex surface being a curved surface with a different curvature depending on the direction.

13. (Previously presented) A cathode ray tube as set forth in claim 8, wherein said convex surface being a paraboloid.

14. (Cancelled)

15. (Previously presented) An image display device equipped with a cathode ray tube, wherein

said cathode ray tube being equipped with an electron gun,

said electron gun being comprised of a cathode that has an electron emission surface and a first grid that has a beam hole and said electron emission surface and said beam hole being arranged opposite to each other and

the area opposite said beam hole within said electron emission surface being in closest proximity to said first grid.

wherein the area opposite said beam hole is a center area of said electron emission surface and is a convex surface to said first grid, and

wherein an electron beam emitted from the emission surface has a converging trajectory.

16. (Cancelled)

17. (Previously presented) A display device as set forth in claim 15, wherein said convex surface being a surface formed by a press process.

18. (Cancelled)

19. (Previously presented) A display device as set forth in claim 15, wherein said convex surface being a curved surface with a different curvature depending on the direction.

20. (Previously presented) A display device as set forth in claim 15, wherein said convex surface being a paraboloid.

21. (Cancelled)